

02-0015 (REV. 05-75)

MEMORANDUM

102-60-87

State of Alaska

TO: Art Schmidt
Sport Fish
Sitka
Dept. of Fish and Game

DATE: June 19, 1975

FILE NO:

TELEPHONE NO:

FROM: Donald L. Siedelman
Sport Fish
Ketchikan *WLL*
Dept. of Fish and Game

SUBJECT: Foot Survey, McGilvrey, Anderson Creeks &
Karta River, May 14, 1975.

As stated in a memo last year, this stream has an excellent pool/riffle combination. It was surveyed late last season for red salmon and this spring the goal was to check for spawning steelhead. Walking up from the lake to just above the second main side-stream coming in on the left, no fish were seen.

There were cutthroat and Dolly Varden off the creek mouth. One of the cutthroat was a female that had about 25-50 retained eggs. Talking to an angler earlier, he stated that only during late evening and early A.M. was fishing good for cutthroat and that they were in spawning condition. Not seeing cutthroat in the stream spawning makes me think that they may be spawning on the creek delta where it enters the lake.

Appears that there were no steelhead in the creek during this survey. There were no signs of past digging activity in the riffle areas.

I figured this stream to be a potential steelhead producer if the pattern would hold true to what we observed in Bristol Bay. The rainbow there almost always spawned where the red salmon spawned. This may not be the case in McGilvrey Creek. Steelhead could be present in this creek but they were not observed. It only takes two fish to produce enough fry for replenishing the return providing that the two are one male and one female.

Also walked up Anderson Creek to the partial barrier. No fish were observed in this stream. Hook and line sampling produced no fish though at the base of the partial barrier there was one small fish attempting to attach my eggs. Appears that there were no steelhead spawning in the lower stream area.

CC: Armstrong ✓
Novak
Chalk
Jones

Sub-Group → 14 - 100
→ 100

5/14/75

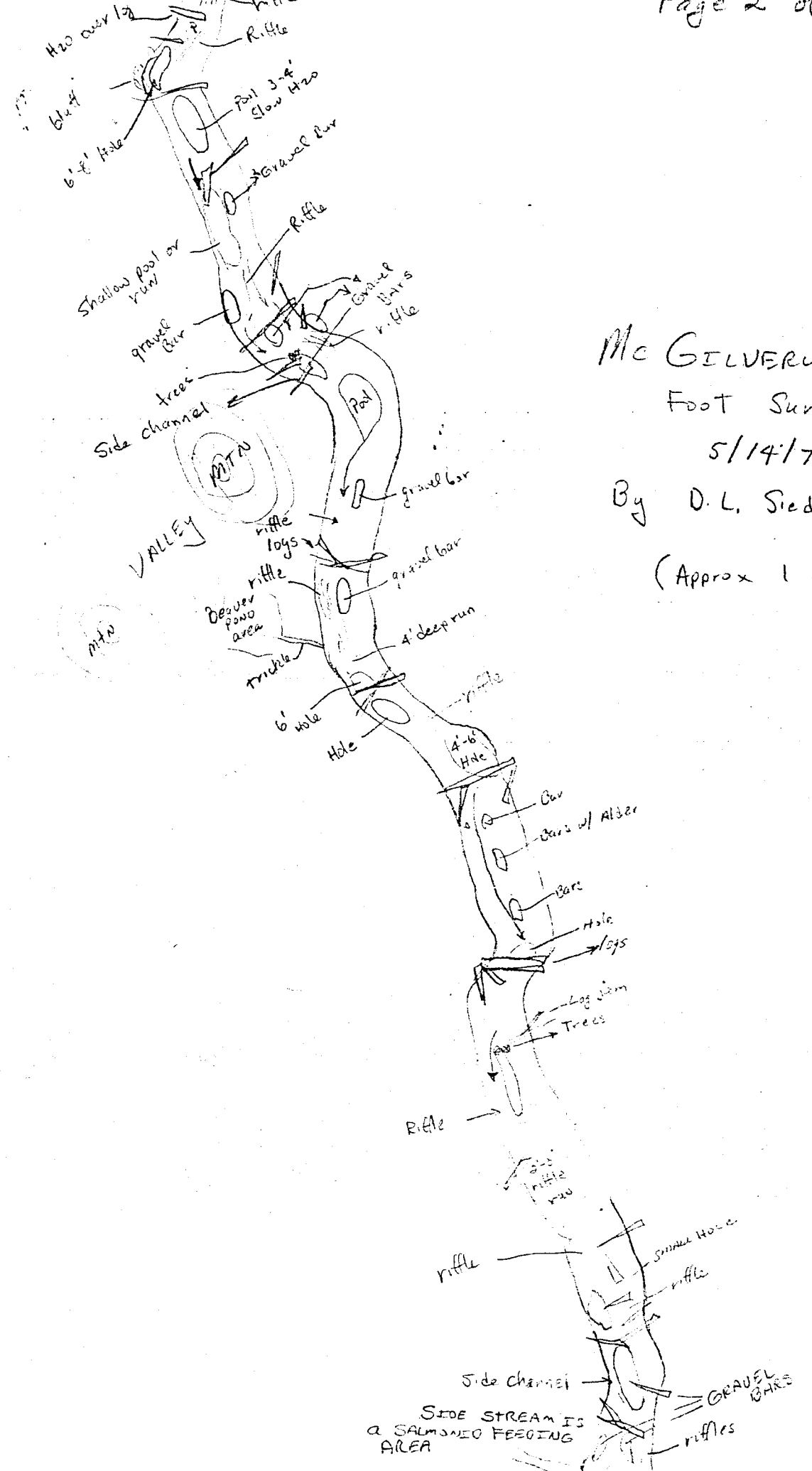
(Approx 1 mile)



UPPER SACRAMENT
LAW

★ OLD
GREEN

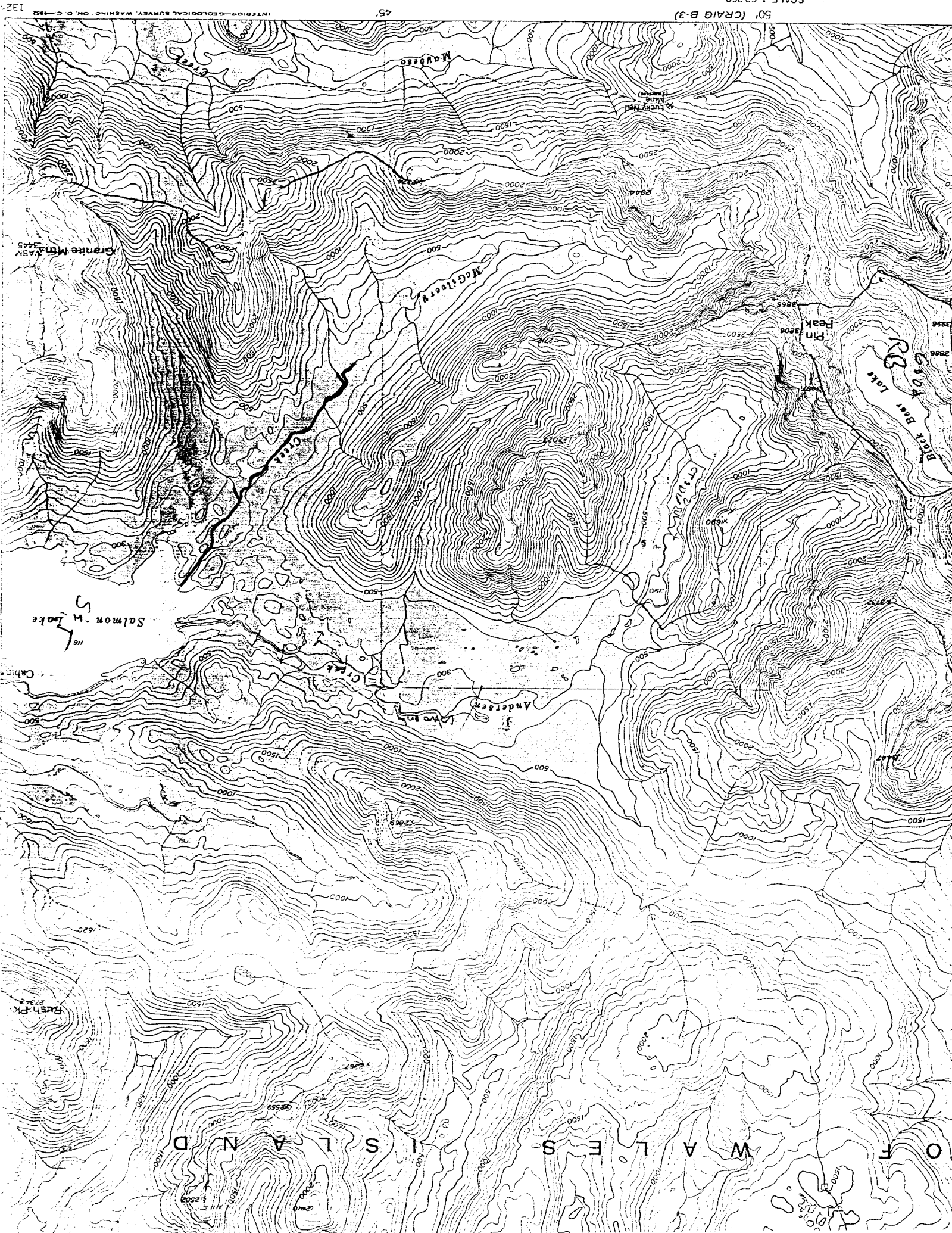
Amesbury Co.



Mc GILVERY CREEK
Foot Survey
5/14/75
By D. L. Siedelman
(Approx 1 mile) ?

(Approx $\frac{1}{2}$ mile.)





MEMORANDUM

102-60-82
State of Alaska

TO: Art Schmidt
Sport Fish
Sitka
Dept. of Fish and Game

DATE: June 6, 1975

FILE NO:

TELEPHONE NO:

FROM: Donald L. Siedelman
Sport Fish
Ketchikan
Dept. of Fish and Game

SUBJECT: Karta River

Flew into the Karta River system on June 3, 1975 to foot survey the interconnecting stream between Upper Salmon and Lower Salmon lakes and the side stream that drains into the interconnecting stream.

Weather was not the best with a Southeaster blowing at 20-30 mph and good solid rain. Air temperature was 44° F. at 1100 hours.

The stream draining into the interconnecting stream was foot surveyed for fish activity. Water temperature at the bridge at 0900 was 41° F. H & L sampling through the entire surveyed area produced no strikes (lure) or bumps. Took a temperature at 1100 in the upstream area where beaver dam is on the right bank and it was 40° F.

Just above this area, one possible spawning redd (steelhead) was observed though no fish were observed in area. This was the only likely looking redd in the area surveyed between the mouth and the second small lake on the left.

Water was fairly clear but lower by about 12" from the high water mark set this spring. Did see some fairly recent beaver.

Interconnecting stream between Upper and Lower Salmon lakes was foot surveyed throughout its entire length. No fish activity was observed except for the 8-9 inch cutthroat trout that was H & L caught (released). No positive steelhead redds were observed but one possible redd in the lower stream area was found.

The upper stream area has a riffle type area and visual observations indicated no redds or steelhead.

I feel that we were after the peak of spawning and felt that there were limited numbers of steelhead in this upper area. Appears that the majority are spawning in the main Karta River area and altering this areas' habitat could be detrimental to the existing steelhead population. Further stream work should be conducted this summer for rearing fish and species composition in these upstream areas.

CC:Armstrong, Chalk, Crandall

Liedelman

Karta River

PRINCE OF WHALES ISLAND

<u>Date</u>	<u>Sp</u>	<u>Length</u>	<u>Sex</u>	<u>Condition</u>	<u>Area</u>
8/29-30/74	CT	253 253	F	Imm. - could have spawned this spring.	North Creek Lake.
8/29-30/74	CT	230	F	Would spawn in spring	North Creek Lake.
8/29-30/74	CT	235	F	Imm	North Creek Lake.
8/29-30/74	Coho	118	-	Age SMOLT 2+	NORTH Creek Lake
10/12/76	Coho	711	F	Age spent 2.2	STREAM @ mouth
10/12/76	RB	105	-	Imm SH	stream draining into saltwater in Karta Bay by USFS cabin
"	"	117	-	Imm SH	as above
"	"	121	-	Imm SH	as above